



United States Department of the Interior



GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
227 N. BRONOUGH STREET, SUITE 3015
TALLAHASSEE, FLORIDA 32301

NAS Jacksonville Administrative Record
Document Index Number

32212-000
22.03.00.0003

April 14, 1993

Mr. Joel Murphy
U.S. Department of the Navy, Southern Division
Naval Facilities Engineering Command
Post Office Box 10068
Charleston, S.C. 29411-0068

Dear Joel:

This letter is to update you on the work that has been accomplished for OU#2 on JAXNAS. As of the end of April, a preliminary finite-difference model of the northern half of JAXNAS has been compiled, water-quality and hydrologic data has been obtained from the files of JAXNAS and ABB, a site reconnaissance visit (including stream gaging) has been conducted. We have also requested an inventory of logs of wells in the vicinity of the base.

In recent months, most of my time was devoted to another project, but in the next two months I plan to do a retrospective analysis of hydrologic and water-quality data collected at the site to examine the connection (or lack thereof) between the upper and lower zones of the surficial aquifer. We are also planning to install water-level recorders at the site in June to investigate the effects of tides on ground-water levels. We are currently waiting for additional monitoring wells to be installed at the site before we do additional ground-water flow modeling.

Sincerely,
For the District Chief,

William J. Andrews
Hydrologist

cc: Fred Bragdon (ABB - Orange Park, FL)
Willard Murray (ABB - Wakefield, MA)
Philip Georgariou (ABB - Orange Park, FL)